

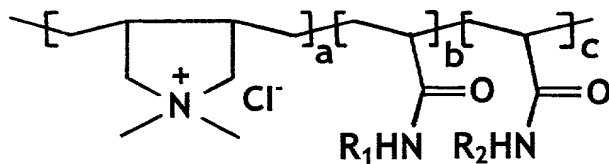
A, B = O, NH, N—
 $\begin{array}{cc} | & | \\ \text{---} & \text{---} \end{array}$

R₁, R₂ = quaternary ammonium, hydrophilic,
hydrophobic, reactive, or self condensing group

R₃ = H, alkyl, or alkoxy group

X = halogen or other counter ion

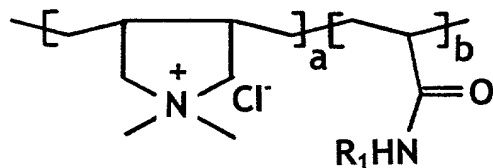
FIG. 1A



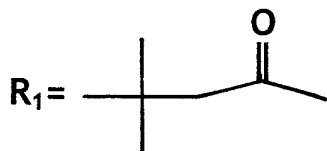
a = 1 to 99%, b = (100-a)%, c = 0 to 100-(a+b)%

R₁, R₂ - as above

FIG. 1B



a = 1 to 99%, b = (100-a)%



for CP 7091 RV, a ~ 90; b ~ 10

FIG. 1C

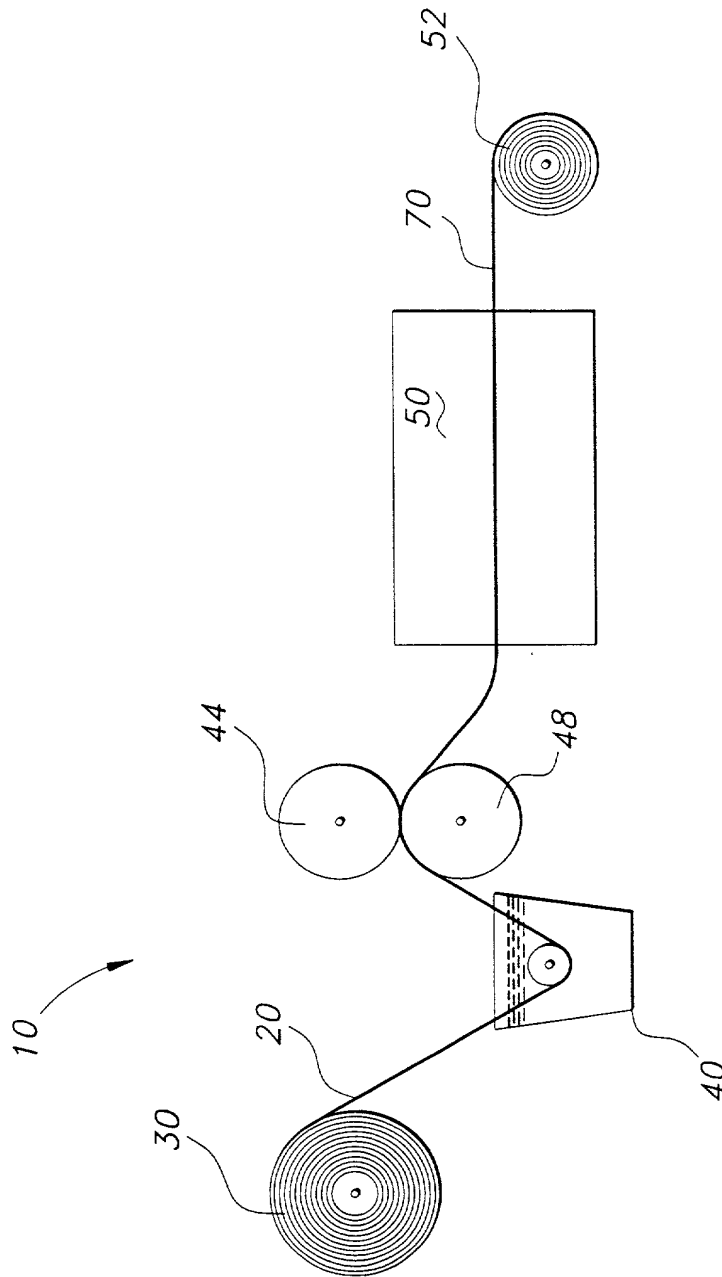


FIG. 2